



MAGNUM HD
is the latest entrant
in the high-dump segment.

Outperforms its predecessors
with a complete hydraulic power boost,
as well as increased productivity
and durability, a better filtration
system, driving comfort refinement
and increased value for money.
All specifications have been carefully
planned in order to satisfy our goal
as well as some of the most relevant
customers' needs:

- STRENGTH
- POWER
- MANOEUVRABILITY
- EASE OF USE
- ERGONOMY
- LOW OPERATIONAL COSTS



VALUE ADDED OPTIONS

- Street omologation kit
- Flashing light
(standard in UE countries)
- Dustguard for side brush
- Overhead guard inclusive
of flashing light
- PVC complete cabin kit
- Left side brush kit
- Polycarbonated windscreen
and wiper
- Reverse speed warning light
- Complete light set
- Side mirror
- Spring seat
- Carpet cleaning kit
- Vacuum nose

AVAILABLE VERSIONS

MAGNUM HDK with water cooled, three cylinder Kubota diesel engine
MAGNUM LPG with dual LPG/petrol drive
MAGNUM EB battery driven, 36V

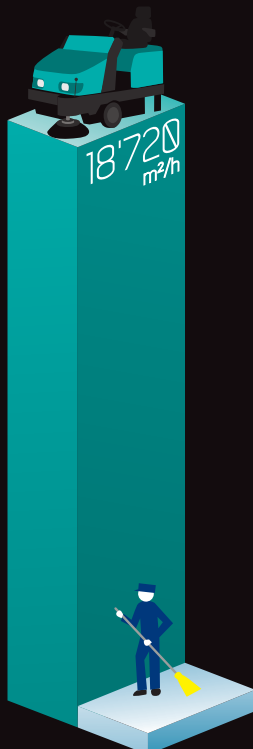
FIELDS OF APPLICATION:

industrial sites, communities and vicinities, schools, offices,
religious buildings, hospitals, public buildings, airports, ports,
shopping malls, logistical depots, cleaning companies, and multi services.

SUITABLE CLEANING SURFACES:

ceramics, marble, cement/concrete, linoleum, non-slip surfaces,
porcelain tiling, and many other dirty conditions...

TECHNICAL SPECIFICATIONS	MAGNUM HDK	MAGNUM GPL	MAGNUM EB
Sweeping path with 2 side brushes	1560 mm	1560 mm	N/A
Sweeping path with side brush	1250 mm	1250 mm	1250 mm
Sweeping path only main brush	902 mm	902 mm	902 mm
Capacity of dirt container	236 lt	236 lt	236 lt
Dumping height, hydraulic lift	1.540 mm	1.540 mm	1.540 mm
Forward speed	12,00 Km/h	11,50 km/h	10,00 km/h
Cleaning capacity	18.720 sq/m/h	17.940 sq/m/h	12.500 sq/m/h
Filter type	polyester bag	polyester bag	polyester bag
Drive	hydraulic	hydraulic	hydraulic
Drive motor	hydraulic	hydraulic	hydraulic
Main motor	Diesel, Kubota 20.6 Hp	Petrol, Kubota 29.5 Hp + Gas GPL	1 x 36V - 1800W
Battery system	-	-	36V
Weight with battery	1175 kg	1163 kg	1386 kg
Size (with brushes)	1560 x 2380 x 1900 h	1560 x 2380 x 1900 h	1250 x 2380 x 1900 h



BASSO - SEN



SWEEPERS LINE



MAGNUM HD NOTHING
BUT HEAVY DUTY!



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STRONG, VERY STRONG!

The structure is exceptionally strong to allow the machine to handle the toughest applications. The powerful Kubota engine (three cylinders, 20.6 hp, liquid-cooled) grants extended reliability and world-wide assistance. More horsepower and liquid cooled system allows for overall better performances, and longer lasting life.

PRODUCTIVE, VERY PRODUCTIVE!

Fully hydraulic driven traction, container lift, brushes and vacuum fan, enable the new HDK clean the dirtiest floors very rapidly, and keep routine maintenance extremely simple, thus reducing downtime. More power allows for increased operational speed, which translates into increased productivity: an impressive 18.720 sq/m/h at full speed (12 km/h)!

EFFICIENT, VERY EFFICIENT!

The Magnum is equipped as standard with a polyester bag filter, class USG, which is particularly efficient for the retaining of fine dust, and has a much longer lasting life than all other traditional filters.

The filter is anti-static, washable, and is equipped as standard with a highly efficient automatic filter-shaker which provides extreme cleaning every time the engine is turned off. This feature proves extremely helpful when operators neglect or forget to shake the filters manually.

MANOEUVRABLE, VERY MANOEUVRABLE!

The Magnum is particularly compact to allow for maximum manoeuvrability in narrow spaces. Large diameter wheels are fitted all round to allow for efficient work on uneven surfaces, to overcome slopes and to get onto pavements. All wheels are of "full rubber" type, therefore you will not have to worry about checking air pressure or repair flats.

SIMPLE, VERY SIMPLE!

All controls are ergonomically laid out within the driver's reach and clearly marked. Furthermore, all parts, motors and engines are easily accessible for servicing as side, upper and rear panels can be fully opened.



VALUE ADDED FEATURES

- HYDRAULIC DUMPING SYSTEM
- LONG-LIFE POLYESTER BAG FILTER
- AUTOMATIC FILTER SHAKER
- NO TOOLS BRUSH CHANGE
- RETRACTABLE SIDE BRUSH
- COMPLETE HEAD LIGHTS PACKAGE
- AUDIO BACK-UP ALARM
- VACUUM PRE-FILTER
- FULL RUBBER, NON-MARKIN TYRES
- FLOATING HOPPER



All parts, motors and engines are easily accessible for servicing as side, upper and rear panels can be fully opened. Batteries (EB version) can be replaced easily and quickly thanks to a battery trolley mounted on rolling bearings. This slides out for ease of use.



The petrol version is also adapted for use with LPG. It will therefore be possible to work in both indoor and outdoor applications with the same machine.



The main and side brush can be quickly replaced without tools.

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MULTI-LEVEL DUMPING SYSTEM
The hopper, located in front of the machine, can be hydraulically raised up to 1.540 mm from the floor. The hopper is actually floating on the floor, automatically adjusting to allow for easier pick up of larger waste.



The main brush floats on uneven floors, and automatically adjusts itself when worn. Additionally, the exclusive "Multi Bristle®" system enables the main brush to achieve exceptional performances on most floor types.



MAGNUM HD